



BRONZE

series

POWER SUPPLY

USER Manual

RBR750-M

RBR850-M

RBR1000-M

Contents

Features	P. 2
Input & Output Rating	P. 2
Package Content	P. 3
Connector	P. 4
Caution	P. 4
Installation	P. 5
Easy Trouble Shooting	P. 6
Information	P. 7

Features

- ATX12V v2.3 & EPS12V v2.92
- 80PLUS Bronze Certified
- Full Range Active-PFC
- Multi-GPU Support
- 135mm Dual-ball-bearing Blue LED Auto Speed Control Fan
- Fan Delay Off function for extending PSU lifetime
- Modular Cable Design
- Japanese Main & DC output Capacitors
- Double Layers PCB
- Over Current/Voltage/Power protection, under Voltage Protection and Short Circuit Protection
- 3 Years Warranty-One to One

Input & Output Rating

RBR750-M

AC INPUT	90V-264V 10A 47-63Hz							
DC OUTPUT	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	-12V	+5VSB
MI.Current	0.1A	0.2A	0.1A	0.5A	0.0A	0.0A	0.0A	0.1A
MAX.Current	28A	30A	18A	18A	18A	18A	0.8A	3.0A
Combined Power	180W		650W(54A)				9.6W	15W
	725.4W							
Total Power	750W							
Regulation	±5%	±5%	±5%	±5%	±5%	±5%	±10%	±5%
Ripple P-P Max.	70mV	70mV	120mV	120mV	120mV	120mV	150mV	70mV

RBR850-M

AC INPUT	90V-264V 11A 47-63Hz							
DC OUTPUT	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	-12V	+5VSB
MI.Current	0.1A	0.2A	0.1A	0.5A	0.0A	0.0A	0.0A	0.1A
MAX.Current	28A	30A	20A	20A	30A	30A	0.8A	3.0A
Combined Power	180W		750W(62.5A)				9.6W	15W
	825.4W							
Total Power	850W							
Regulation	±5%	±5%	±5%	±5%	±5%	±5%	±10%	±5%
Ripple P-P Max.	70mV	70mV	120mV	120mV	120mV	120mV	150mV	70mV

RBR1000-M

AC INPUT	90V-264V 13A 47-63Hz							
DC OUTPUT	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	-12V	+5VSB
MI.Current	0.1A	0.2A	0.1A	0.5A	0.0A	0.0A	0.0A	0.1A
MAX.Current	28A	30A	20A	20A	30A	30A	0.8A	3.0A
Combined Power	180W		900W(75A)				9.6W	15W
	975.4W							
Total Power	1000W							
Regulation	±5%	±5%	±5%	±5%	±5%	±5%	±10%	±5%
Ripple P-P Max.	70mV	70mV	120mV	120mV	120mV	120mV	150mV	70mV

Package Content

RBR750/850-M	
• Modular Cable Set - x2 PCI-E 6 pin cables - x2 PCI-E 6+2 pin cables - x2 SATA cables with 8 connectors - x2 Peripheral 4 pin cables with 6 connectors and 2 floppy connectors	• Power Supply • User Manual • AC Power Cord • Cable Ties • Mounting Screws • Mesh Bag for Cables

RBR1000-M	
• Modular Cable Set - x2 PCI-E 6 pin cables - x2 PCI-E 6+2 pin cables - x2 SATA cables with 8 connectors - x2 Peripheral 4 pin cables with 8 connectors and 2 floppy connectors	• Power Supply • User Manual • AC Power Cord • Cable Ties • Mounting Screws • Mesh Bag for Cables

Connector

	RBR750-M	RBR850-M	RBR1000-M
ATX 20+4 pin	1	1	1
ATX/EPS12V 4/8 pin	1	1	1
EPS12V 8 pin	1	1	1
PCI-E 6+2 pin	2	2	3
PCI-E 6 pin	2	2	3
SATA	8	8	12
Peripheral 4 pin	6	6	6
Floppy	2	2	2

Caution

- Please do not store the power supply in a high humid temperature place, or to be used in such condition.
- High voltages exist in the power supply. Unless authorized personnel, please do not open the PSU cover. The warranty will be void if the cover is removed.
- Do not insert any objects into the open ventilation or fan grill area of the power supply.
- Please use ONLY genuine Rosewill modular cables. Third party cables might not be compatible and could cause serious damage to your system and power supply. The warranty will be voided with the use of third party cables.
- The 24 pin main power connector has a detachable 4 pin connector.
This 4 pin connector is not a P4 or ATX12V connector.
Please DO NOT force this cable in the P4 or ATX12V socket on the motherboard.

Installation

- Please make sure the power supply is not connected to the AC power cord.
- Make sure the I/O switch of the PSU is at off “O” position.
- Install the power supply into the chassis. (refer to your chassis manual)
- Please refer to your motherboard user manual to confirm 20-pin or 24-pin main connector it needs. If 24-pin, you can plug the 24-pin main connector onto the motherboard. If 20-pin, please detach the 4-pin to have a 20-pin main connector then plug it onto the motherboard.
- Please refer to your motherboard user manual to confirm 4-pin ATX12V or 8-pin EPS12V connector it needs. If 8-pin, you can plug the 8-pin EPS12V connector onto the motherboard. If 4-pin, please detach the 4-pin to have a 4-pin ATX12V connector then plug it onto the motherboard.
- Connect the PCI-E connector to the VGA card if needed. Please refer to VGA card manual to confirm 6-pin or 8-pin needed.
- Connect the SATA connector to the SATA HDD, Optical device if any.
- Connect the Peripheral connector to peripheral devices such as Optical device, HDD...etc.
- Connect the Floppy disk connector to the floppy drive if any.
- Please connect the other side of the cable to the PSU according to the instruction on the PSU
- Make sure all the connectors are fully seated.
- Connect the AC power cord to the power supply.
- Turn on the power supply by pushing the I/O switch to the “I” position.

Easy Trouble shooting

If your PC system does not respond, please make following checks:

1. make sure the AC power cord is connected firmly and the AC power switch is turned on.
2. Make sure all DC output connectors are connected in the right direction and plugged firmly.
3. Check whether there is any short circuit problem or defective peripherals by unplugging each peripheral device one at a time.
4. If one of the above mentioned problems occurs, please remove the fault and wait for 1-2 minutes before you turn on the PSU again. This is necessary to release the latch condition of the protection circuit.
5. If the PSU is still unable to power up after above checks, please contact with your dealer for service.

Information

Thank you for purchasing a High-Quality Rosewill Product.

Please register your product at : **www.rosewill.com** for complete warranty information and future support for your product. If you have any question while using our products, please feel free to contact us at **techsupport@rosewill.com**

Support Phone Number: 800-575-9885

Support Email: techsupport@rosewill.com



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